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V Iyengar

BK Bray, MJ Flynn - Proceedings of the 24th annual international symposium on ..., 1991 - portal.acm.org ... prediction performance, we observed the branching characteristics of ... unit of

B Bray

instructions, hence closely spaced branches could ... A branch can miss in the btb and ...

S Melvin

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A Mital - IEEE Transactions on Computers, 1995 - doi.ieeecs.org

... custom tools to extract all branching information. ... 7. Counter-based branch prediction

combined with caching ... counters with predicting negative branches as taken ...

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... Predicated execution Dynamic branch prediction ... compile-time motion of code above

conditional branches, in order to make run-time ... memory, and branch units. .

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Performance enhancement through dynamic scheduling and large execution atomic units in single ...

SW Melvin - 1990 - zytek.com

... that are easy to predict statically, for example loops ... dynamic branch prediction

to allow this parallelism to be taken ... root of the number of branches that are ...

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H Styles, W Luk - IEEE Transactions on Computers, 2004 - doi.ieeecomputersociety.org

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I Pratt - 1998 - cl.cam.ac.uk

... Load/branch delay slots ... Historically, the predictions made by this document have

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